

Happy Flower

by Arya Akhavan (May 2013)

Angles for R.I. = 1.550

71 + 10 girdles = 81 facets

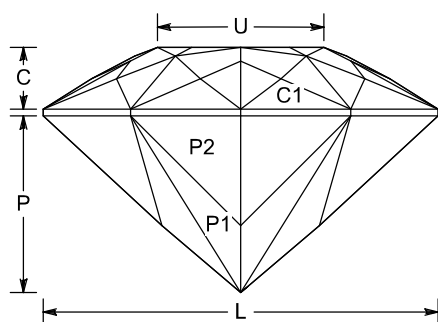
5-fold, mirror-image symmetry

80 index

$L/W = 1.000$ $T/W = 0.433$ $U/W = 0.422$

$P/W = 0.446$ $C/W = 0.156$

$Vol./W^3 = 0.191$



PAVILION

P1	43.30°	07-09-23-25-39-41-55-57-71-73	Cut to centerpoint.
G1	90.00°	06-10-22-26-38-42-54-58-70-74	Set stone size.
P2	44.53°	06-10-22-26-38-42-54-58-70-74	Level girdle.

CROWN

C1	38.00°	06-10-22-26-38-42-54-58-70-74	Set girdle width.
C2	35.00°	07-09-23-25-39-41-55-57-71-73	Meet G1, C1
C3	28.00°	02-14-18-30-34-46-50-62-66-78	Meet G1, C1
C4	26.21°	03-13-19-29-35-45-51-61-67-77	Meet C1, C2, C3
C5	17.70°	05-11-21-27-37-43-53-59-69-75	Meet C2, C4
T	0.00°	Table	Meet C4, C5

I was watching some of Bob Ross's painting show on YouTube, and it started to rub off on me. So when I was writing up this design, and noticed it looks like a flower...well, that's where the name comes from. Works in materials from orthoclase to rutile (RI = 1.52 - 2.62) with no changes, but I prefer it in labradorite.

Suggested size = 8-12 mm

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